

# FOUNDATIONS

A monograph for professionals in science, mathematics, and technology education

## ***Inquiry*** ***Thoughts, Views, and Strategies*** ***for the K–5 Classroom***

Division of Elementary, Secondary, and Informal Education

Directorate for Education  
and Human Resources

National Science Foundation





## ABOUT FOUNDATIONS

FOUNDATIONS is a monograph series published by the National Science Foundation's Division of Elementary, Secondary, and Informal Education (ESIE) in conjunction with the Division of Research, Evaluation and Communication (REC) to serve those working to better science, mathematics, and technology education in this nation. FOUNDATIONS supports education reform by communicating lessons that have been learned from ESIE projects and activities to others in the field who may use and adapt them to build effective educational improvement strategies in their own classrooms and communities. Like the foundation of a schoolhouse, home, or other place of learning, the strength of what is above ground depends on the structural soundness of what lies below. FOUNDATIONS will unearth the strategies that enable effective educational improvement at the K-12 level to take place. Welcome to FOUNDATIONS...



## IN THIS VOLUME

FOUNDATIONS examines opportunities and challenges for those at the front line of science education in elementary and middle schools. Designed as a resource for teachers and administrators who are interested in investigating inquiry-based science education, this volume serves neither as a textbook nor as the final word on the subject. It is rather a short introduction for those beginning the complex and difficult journey of science education reform based on the experiences of educators working in the inquiry field today.

## ACKNOWLEDGMENTS

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Division of Elementary, Secondary, and Informal Education  
4201 Wilson Boulevard  
Room 885  
Arlington, VA 22230  
(703) 306-1620

[gmcgrude@nsf.gov](mailto:gmcgrude@nsf.gov)

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